



**T.D. Sawvel Co. Inc.**

Providing Automated Packaging Solutions Since 1976

Notes:

## MODEL #700-1

Automatic Time Filler / Inline Filler / 5 Quart Pail Filler / Ice Cream Filling Machine / 56 Ounce Filler / 48 Ounce Filler

### Description:

Mechanically driven automatic inline time filler featuring stainless steel construction, automatic denesting, automatic container transfer, time fill and automatic lidding.

### Products:

Ice cream, frozen yogurt, whipped butter or similar product that does not seek its own level and can be supplied continuously.

### Key Features:

- Mechanical drive
- Time fill with AC inverter drive
- Simple, reliable control circuits
- Low profile
- Diaphragm style lid feeder
- Easy-to-clean lidding conveyor with motorized pulley
- Drip guards over fill station
- Wide range of custom tooling available
- Right or left hand operation
- Speeds to 45 cpm (depending on container characteristics)
- 304 stainless steel construction

### Container Size Range:

- 48 ounces through 6 quart round containers
- 48 ounces through 1/2 gallon square-round containers

### Options Available:

- Spinner assembly for rotating container as it fills
- Revel injector (spinner assembly required)
- Variigators: single and dual flavor, choice of air or electric drive
- Inline blender, provides uniform color from three-barrel freezer



*Shown with 64 Ounce Square-Round Tooling*

- Marbling blender for multi-color mixes, creates a distinctive pattern while maintaining identity
- Neapolitan product valve insert; provides linear flavor separation
- Tooling for additional size containers
- Programmable limit switch
- No container / no fill feature

[tdsawvel.com](http://tdsawvel.com)

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## **MODEL #700-1**

### Features and Benefits

#### **Mechanical Drive:**

The four primary motions of the machine are cam driven, including container denesting elevator, container clamps, container transfer shuttle and fill elevator.

- Provides smooth, high speed operation
- Simplifies control circuits
- Enhanced reliability; less down time = more profits
- Two year limited warranty on drive
- Less controls = few parts to fail, simplified trouble shooting

#### **Simple Reliable Control Circuits:**

Mechanical drive allows use of fewer controls.

- Saves you money on original purchase
- Saves you from expensive down time
- Saves you money on service trips

#### **Time Fill with AC Inverter Drive:**

Fill volume is determined by the open duration of the fill valve. Volume is adjusted by changing speed of the inverter drive.

- Provides very accurate fill timing
- Simple, one control adjustment

#### **Low Profile:**

The distance from floor to pail hopper is 3' 9".

- Very easy to load pails and lids

#### **Diaphragm Style Lid Feeder:**

Picks lids with a vacuum cup through a rubber diaphragm instead of a spin rod assembly.

- Less moving parts = enhanced reliability
- Works even better on warped or imperfect lids
- Direct acting 4-way limit switch activates cylinder

#### **Easy-to-Clean Conveyor with Tilt-Up Motorized Pulley:**

- Spliced food grade belt for easy replacement
- Tilt-up motorized pulley for cleaning ease
- Motorized pulley eliminates chain drive for enhanced reliability

#### **Wide Range of Custom Tooling Available:**

Can be tooled to fill sizes from 48 ounce through 6 quart; round or square-round shapes.

- Change parts provided instead of infinitely adjustable style tooling, this prevents tooling from being adjusted incorrectly
- Five minute change-over from 4 to 5 quart tooling

#### **Right or Left Hand Operation:**

Can be field converted from right hand or left hand operation quickly.

- If your floor plan changes you don't need to buy another filler



*Custom Tooling Available  
for Tamper Evident Style Lids*



Notes:

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Specifications and Elevation Drawings

### Air Requirements:

5 cfm @ 80 psi

### Shipping Weight:

1220 lbs.

### Electrical Requirements:

220V AC, 3 Phase, 60 HZ, 5 amp

### Width:

1' 10" (57.2 cm)

### Drive / Indexer Type:

1 HP, ac inverter controlled mechanical cam

### Length:

8' 7 1/2" (262.3 cm)

